

CAAP Quarterly Report

Date of Report: *December 1, 2014*

Contract Number: *DTPH56-14-H-CAP02*

Prepared for: *DOT*

Project Title: *Wall Break-through in Composite Repaired Defects*

Prepared by: *The University of Tulsa*

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For quarterly period ending: *November 30, 2014*

Business and Activity Section

(a) Generated Commitments

There has been no change in project participants or other contracts.

(b) Status Update of Past Quarter Activities

In the past quarter (starting October 1, 2014), we have completed the following research planning activities

1. Identified graduate student for project and student was accepted by TU – Omar Ramirez
2. Contacted program manager to schedule kick-off meeting.
3. Contacted industrial partner to begin discussion of scheduling and research design parameters.

(c) Description of any Problems/Challenges

During this past quarter there were no significant challenges as we have just initiated the research project. A graduate student, Omar Ramirez, was identified and has accepted the research assistantship associated with this project. He will be starting in the spring 2015 semester. He should arrive early January and we can begin work on the project.

(d) Planned Activities for the Next Quarter –

Planned activities for the next quarter include the following

1. Initiation of the erosion testing.
2. Ordering of the supplies for the flow-loop
3. Initiate baseline testing for erosion.
4. Initiate FEA modeling of the repair.